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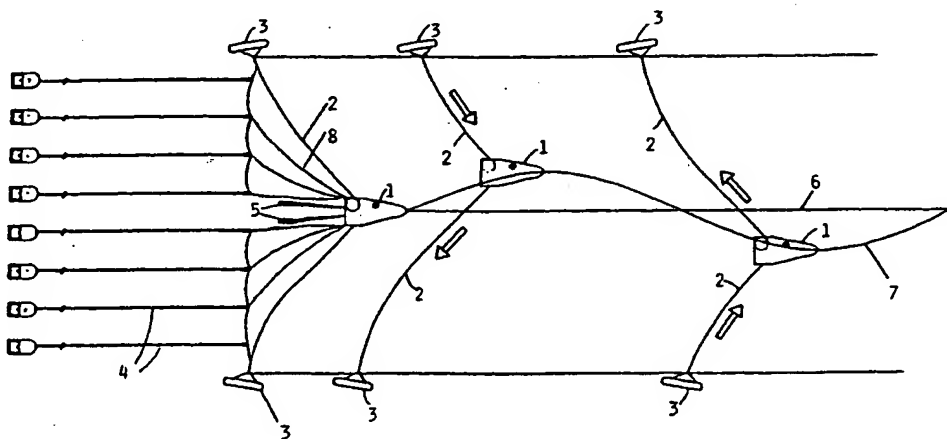
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(54) Title: SYSTEM FOR CONTROLLING A MARINE SEISMIC ARRAY



(57) Abstract: System for controlling seismic arrays comprising at least one deflector coupled to one side of the towing vessel through at least one wire, lead-in or similar, the detector being positioned at a distance perpendicular to the vessel's direction of movement, the vessel being provided with a navigation system for measuring the position of the vessel. The vessel comprises calculation means for, on the basis of the vessel's position, calculating deviations in vessel's position from a predetermined path. The wire is coupled to the vessel through control organs, e.g. a winch, adapted to vary the wire length from the vessel to the deflector. The control organs are coupled to the calculation means for adjusting the wire length based on the deviations in the position of the towing vessel, thus to avoid corresponding deviations in the movements of the deflector.

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